

Title (en)
ALKENE COUPLING

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Application
EP 90111906 A 19900622

Priority
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Abstract (en)
[origin: EP0405366A2] A normal 1-alkene containing 3-8 carbons is coupled with itself, another such alkene, or ethene in the presence of a supported alkali metal as a catalyst and 10-100 mol %, based on the amount of alkali metal catalyst, of an alkali metal hydroxide as a co-catalyst; the support being a silica having a surface area not greater than 5 m²/g. In preferred embodiments of the invention, the alkene is propene or a mixture of propene and ethene, the alkali metal is potassium or a potassium alloy, and the co-catalyst is potassium hydroxide.

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Citation (search report)

- [A] EP 0322147 A2 19890628 - ETHYL CORP [US]
- [AP] US 4914250 A 19900403 - SMITH R SCOTT [US]
- [AD] US 3255272 A 19660607 - LINDSAY KENNETH L

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